

Arboviral Surveillance Report

September 8, 2015

Surveillance

The City's arboviral surveillance continued last week and all collected mosquitoes were tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts remain low. This week 2 trap locations within the City of Chicago collected WNV positive mosquitoes. These collections contained a combination of *Culex pipiens* and *Culex restuans* mosquitoes.

Mosquitoes (data from 81 traps)

Week 35 (08/30/15 – 09/05/15)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	823
Number of Pools Tested	89
Number of Pools Positive	12
Number of Community Areas with Positive Mosquitoes Pools	3
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,090
Number of Female <i>Culex</i> Trapped and Tested	15,592
Number of Pools Tested	1,462
Number of Pools Positive	99
Number of Community Areas with Positive Mosquitoes Pools	46

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, Edison Park, O'Hare, Forest Glen, Gage Park, Gr. Grand Crossing, Hegewisch, Irving Park, Lincoln Square, New City, North Park, Norwood Park, Portage Park, Riverdale, South Lawndale, South Deering, Washington Heights, West Town, West Lawn, Wood Lawn West Pullman.

Dead birds: To date, four dead birds have been collected; two negative, the other two not testable.

Humans: No human cases reported.

Risk Assessment

The risk of human West Nile virus infection is moderate.

Larval and Adult Mosquito Control Efforts

The risk of WNV transmission seems to be declining in areas where the City's Truck ULV adulticiding operations have taken place, as evidenced by the lower number of positive mosquitoes collected.